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Date: 12/30/2019, 08:50:19 am

Measurement file: C:\RA Consulting\Silver Scan-Tool\user\BANKS_Chevy_Z71.dra

Interface: VSI-2534
Driver Version: 2.8.0.0

Vehicle

DERIVE F-250 2010
SEMA Garage _
Rene Acosta _
Derive F-250 _
Mileage 78168 _
OBD Report (As Received)

Acquisition worker:
Location:
Department:

ECU
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33 Scan-Tool
Protocol: ISO 15765-4 (CAN)

List of supported Modes and PIDs

Mode	PID	Modules	Comment
Mode 1	*****	*****	Current powertrain diagnostic data
1	00	E8 E9	PIDs supported 01-1F
1	01	E8 E9	Monitor status since DTCs cleared
1	04	E8 E9	Calculated load value
1	05	E9	Engine coolant temperature
1	0C	E8 E9	Engine RPM
1	0D	E8 E9	Vehicle speed sensor
1	0F	E9	Intake air temperature
1	13	E8	Location of oxygen sensors
1	1C	E8 E9	OBD requirements to which vehicle or engine is certified
1	1F	E8 E9	Time since engine start
1	20	E8 E9	PIDs supported 21-3F
1	21	E8 E9	Distance traveled while MIL is activated
1	24	E8	Equivalence ratio, Oxygen sensor voltage
1	2F	E8	Fuel level input
1	30	E8 E9	Number of warm-ups since DTCs cleared
1	31	E8 E9	Distance traveled since DTCs cleared
1	33	E8 E9	Barometric pressure
1	40	E8 E9	PIDs supported 41-5F
1	41	E8	Monitor status this driving cycle
1	42	E8 E9	Control module voltage
1	46	E8	Ambient air temperature
1	49	E8 E9	Accelerator pedal position D

1	4A	E8	Accelerator pedal position E
1	4F	E8	External Test Equipment Configuration Information #1
1	51	E8	Type of fuel currently being utilized by the internal combustion engine
1	5C	E8	Engine oil temperature
1	5D	E8	Fuel injection timing
1	5E	E8	Engine fuel rate
1	60	E8	PIDs supported 61-7F
1	61	E8	Driver's demand engine - percent torque
1	62	E8	Actual engine - percent torque
1	63	E8	Engine reference torque
1	64	E8	Engine percent torque at idle point 1, Engine percent torque at point 2, Engine percent torque at point 3, Engine percent torque at point 4, Engine percent torque at point 5
1	65	E8	Auxiliary Inputs/Outputs Status
1	66	E8	Mass Air Flow Sensor A, Mass Air Flow Sensor B
1	67	E8	Engine Coolant Temperature 1, Engine Coolant Temperature 2
1	68	E8	Intake Air Temperature Bank 1 Sensor 1, Intake Air Temperature Bank 1 Sensor 2, Intake Air Temperature Bank 1 Sensor 3, Intake Air Temperature Bank 2 Sensor 1, Intake Air Temperature Bank 2 Sensor 2, Intake Air Temperature Bank 2 Sensor 3
1	69	E8	Commanded EGR A Duty Cycle/Position, Actual EGR A Duty Cycle/Position, EGR A Error, Commanded EGR B Duty Cycle/Position, Actual EGR B Duty Cycle/Position, EGR B Error
1	6A	E8	Commanded Intake Air Flow A Control, Relative Intake Air Flow A Position, Commanded Intake Air Flow B Control, Relative Intake Air Flow B Position
1	6B	E8	Exhaust Gas Recirculation Temp Sensor A (Bank 1 Sensor 1), Exhaust Gas Recirculation Temp Sensor C (Bank 1 Sensor 2), Exhaust Gas Recirculation Temp Sensor B (Bank 2 Sensor 1), Exhaust Gas Recirculation Temp Sensor D (Bank 2 Sensor 2)
1	6D	E8	Commanded Fuel Rail Pressure A, Fuel Rail Pressure A, Fuel Rail Temperature A, Commanded Fuel Rail Pressure B, Fuel Rail Pressure B, Fuel Rail Temperature B
1	71	E8	Commanded Variable Geometry Turbo A Position, Variable Geometry Turbo A Position, VGT A Control Status, Commanded Variable Geometry Turbo B Position, Variable Geometry Turbo B Position, VGT A,B Control Status
1	72	E8	Commanded Wastegate A Position, Wastegate A Position, Commanded Wastegate B Position, Wastegate B Position
1	73	E8	Exhaust Pressure Sensor Bank 1, Exhaust Pressure Sensor Bank 2
1	77	E8	Charge Air Cooler Temperature Bank 1 Sensor 1, Charge Air Cooler Temperature Bank 1 Sensor 2, Charge Air Cooler Temperature Bank 2 Sensor 1, Charge Air Cooler Temperature Bank 2 Sensor 2
1	78	E8	Exhaust Gas Temperature Bank 1 Sensor 1, Exhaust Gas Temperature Bank 1 Sensor 2, Exhaust Gas Temperature Bank 1 Sensor 3, Exhaust Gas Temperature Bank 1 Sensor 4
1	7A	E8	Particulate Filter Bank 1 Delta Pressure, Particulate Filter Bank 1 Inlet Pressure, Particulate Filter Bank 1 Outlet Pressure
1	7D	E8	NOx NTE control area status
1	7E	E8	PM NTE control area status
1	7F	E8	Total Engine Run Time, Total Idle Run Time, Total Run Time With PTO Active
1	80	E8	PIDs supported 81-9F
1	81	E8	Total run time with EI-AECD #1 Timer 1 active, Total run time with EI-AECD #1 Timer 2 active, Total run time with EI-AECD #2 Timer 1 active, Total run time with EI-AECD #2 Timer 2 active, Total run time with EI-AECD #3 Timer 1 active, Total run time with EI-AECD #3 Timer 2 active, Total run time with EI-AECD #4 Timer 1 active, Total run time with EI-AECD #4 Timer 2 active, Total run time with EI-AECD #5 Timer 1 active, Total run time with EI-AECD #5 Timer 2 active
1	82	E8	Total run time with EI-AECD #6 Timer 1 active, Total run time with EI-AECD #6 Timer 2 active, Total run time with EI-AECD #7 Timer 1 active, Total

run time with EI-AECD #7 Timer 2 active, Total run time with EI-AECD #8 Timer 1 active, Total run time with EI-AECD #8 Timer 2 active, Total run time with EI-AECD #9 Timer 1 active, Total run time with EI-AECD #9 Timer 2 active, Total run time with EI-AECD #10 Timer 1 active, Total run time with EI-AECD #10 Timer 2 active

1	83	E8	NOx Sensor Concentration Bank 1 Sensor 1, NOx Sensor Concentration Bank 1 Sensor 2, NOx Sensor Concentration Bank 2 Sensor 1, NOx Sensor Concentration Bank 2 Sensor 2
1	85	E8	Average Reagent Consumption, Average Demanded Reagent Consumption, Reagent Tank Level, Total run time by the engine while NOx warning mode is activated
1	87	E8	Intake Manifold Absolute Pressure A, Intake Manifold Absolute Pressure B
1	89	E8	Total run time with EI-AECD #11 Timer 1 active, Total run time with EI-AECD #11 Timer 2 active, Total run time with EI-AECD #12 Timer 1 active, Total run time with EI-AECD #12 Timer 2 active, Total run time with EI-AECD #13 Timer 1 active, Total run time with EI-AECD #13 Timer 2 active, Total run time with EI-AECD #14 Timer 1 active, Total run time with EI-AECD #14 Timer 2 active, Total run time with EI-AECD #15 Timer 1 active, Total run time with EI-AECD #15 Timer 2 active
1	8A	E8	Total run time with EI-AECD #16 Timer 1 active, Total run time with EI-AECD #16 Timer 2 active, Total run time with EI-AECD #17 Timer 1 active, Total run time with EI-AECD #17 Timer 2 active, Total run time with EI-AECD #18 Timer 1 active, Total run time with EI-AECD #18 Timer 2 active, Total run time with EI-AECD #19 Timer 1 active, Total run time with EI-AECD #19 Timer 2 active, Total run time with EI-AECD #20 Timer 1 active, Total run time with EI-AECD #20 Timer 2 active
1	8B	E8	Aftertreatment Status, Normalized Trigger for PF Regen, Average Time Between PF Regens, Average Distance Between PF Regens

Mode 2	Frame 0	*****	Current freeze frame data
2	00	E8 E9	PIDs supported 01-1F
2	01	E9	Monitor status since DTCs cleared
2	02	E8 E9	DTC that caused required freeze frame data storage
2	04	E8 E9	Calculated load value
2	05	E9	Engine coolant temperature
2	0C	E8 E9	Engine RPM
2	0D	E8 E9	Vehicle speed sensor
2	0F	E9	Intake air temperature
2	1F	E8 E9	Time since engine start
2	20	E8 E9	PIDs supported 21-3F
2	2F	E8	Fuel level input
2	30	E9	Number of warm-ups since DTCs cleared
2	31	E9	Distance traveled since DTCs cleared
2	33	E8 E9	Barometric pressure
2	40	E8 E9	PIDs supported 41-5F
2	42	E8 E9	Control module voltage
2	46	E8	Ambient air temperature
2	49	E8 E9	Accelerator pedal position D
2	4A	E8	Accelerator pedal position E
2	5C	E8	Engine oil temperature
2	5D	E8	Fuel injection timing
2	5E	E8	Engine fuel rate
2	60	E8	PIDs supported 61-7F
2	61	E8	Driver's demand engine - percent torque
2	62	E8	Actual engine - percent torque
2	63	E8	Engine reference torque
2	64	E8	Engine percent torque at idle point 1, Engine percent torque at point 2, Engine percent torque at point 3, Engine percent torque at point 4, Engine percent torque at point 5
2	65	E8	Auxiliary Inputs/Outputs Status
2	66	E8	Mass Air Flow Sensor A, Mass Air Flow Sensor B
2	67	E8	Engine Coolant Temperature 1, Engine Coolant

Temperature 2			
2	68	E8	Intake Air Temperature Bank 1 Sensor 1, Intake Air Temperature Bank 1 Sensor 2, Intake Air Temperature Bank 1 Sensor 3, Intake Air Temperature Bank 2 Sensor 1, Intake Air Temperature Bank 2 Sensor 2, Intake Air Temperature Bank 2 Sensor 3
2	69	E8	Commanded EGR A Duty Cycle/Position, Actual EGR A Duty Cycle/Position, EGR A Error, Commanded EGR B Duty Cycle/Position, Actual EGR B Duty Cycle/Position, EGR B Error
2	6A	E8	Commanded Intake Air Flow A Control, Relative Intake Air Flow A Position, Commanded Intake Air Flow B Control, Relative Intake Air Flow B Position
2	6B	E8	Exhaust Gas Recirculation Temp Sensor A (Bank 1 Sensor 1), Exhaust Gas Recirculation Temp Sensor C (Bank 1 Sensor 2), Exhaust Gas Recirculation Temp Sensor B (Bank 2 Sensor 1), Exhaust Gas Recirculation Temp Sensor D (Bank 2 Sensor 2)
2	6D	E8	Commanded Fuel Rail Pressure A, Fuel Rail Pressure A, Fuel Rail Temperature A, Commanded Fuel Rail Pressure B, Fuel Rail Pressure B, Fuel Rail Temperature B
2	71	E8	Commanded Variable Geometry Turbo A Position, Variable Geometry Turbo A Position, VGT A Control Status, Commanded Variable Geometry Turbo B Position, Variable Geometry Turbo B Position, VGT A,B Control Status
2	72	E8	Commanded Wastegate A Position, Wastegate A Position, Commanded Wastegate B Position, Wastegate B Position
2	73	E8	Exhaust Pressure Sensor Bank 1, Exhaust Pressure Sensor Bank 2
2	77	E8	Charge Air Cooler Temperature Bank 1 Sensor 1, Charge Air Cooler Temperature Bank 1 Sensor 2, Charge Air Cooler Temperature Bank 2 Sensor 1, Charge Air Cooler Temperature Bank 2 Sensor 2
2	78	E8	Exhaust Gas Temperature Bank 1 Sensor 1, Exhaust Gas Temperature Bank 1 Sensor 2, Exhaust Gas Temperature Bank 1 Sensor 3, Exhaust Gas Temperature Bank 1 Sensor 4
2	7A	E8	Particulate Filter Bank 1 Delta Pressure, Particulate Filter Bank 1 Inlet Pressure, Particulate Filter Bank 1 Outlet Pressure
2	7F	E8	Total Engine Run Time, Total Idle Run Time, Total Run Time With PTO Active
2	80	E8	PIDs supported 81-9F
2	85	E8	Average Reagent Consumption, Average Demanded Reagent Consumption, Reagent Tank Level, Total run time by the engine while NOx warning mode is activated
2	87	E8	Intake Manifold Absolute Pressure A, Intake Manifold Absolute Pressure B
2	8B	E8	Aftertreatment Status, Normalized Trigger for PF Regen, Average Time Between PF Regens, Average Distance Between PF Regens
Mode 3	*****	*****	Emission-related diagnostic trouble codes
Mode 4	*****	*****	Clear/reset emission-related diagnostic information
Mode 6	*****	*****	Monitoring test results for specific monitored systems
6	00	E8	MIDs supported 01-1F
6	01	E8	Exhaust Gas Sensor Monitor Bank 1 - Sensor 1
6	20	E8	MIDs supported 21-3F
6	21	E8	Catalyst Monitor Bank 1
6	34	E8	EGR Monitor Bank 4
6	40	E8	MIDs supported 41-5F
6	60	E8	MIDs supported 61-7F
6	80	E8	MIDs supported 81-9F
6	81	E8	Fuel System Monitor Bank 1
6	82	E8	Fuel System Monitor Bank 2
6	85	E8	Boost Pressure Control Monitor Bank 1
6	98	E8	NOx Catalyst Monitor Bank 1
6	A0	E8	MIDs supported A1-BF

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6           A2          E8                          Misfire Cylinder 1 Data
6           A3          E8                          Misfire Cylinder 2 Data
6           A4          E8                          Misfire Cylinder 3 Data
6           A5          E8                          Misfire Cylinder 4 Data
6           A6          E8                          Misfire Cylinder 5 Data
6           A7          E8                          Misfire Cylinder 6 Data
6           A8          E8                          Misfire Cylinder 7 Data
6           A9          E8                          Misfire Cylinder 8 Data
6           B2          E8                          PM Filter Monitor Bank 1

Mode 7      *****       *****                       Emission-related diagnostic trouble codes
detected during current or last completed driving cycle

Mode 9      *****       *****                       Vehicle information
9           00          E8 E9                       Supported INFOTYPEs 01-1F
9           02          E8                          Vehicle Identification Number(VIN)
9           04          E8 E9                       Calibration Identification (CALID)
9           06          E8 E9                       Calibration Verification Numbers (CVN)
9           0A          E8 E9                       ECU Name
9           0B          E8                          In-use Performance Tracking for Compression
Ignition Engines

Mode A      *****       *****                       Emission-related diagnostic trouble codes with
permanent status


Scan-Tool Mode 1 - Current powertrain diagnostic data
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E8  ECM-EngineControl

PID 01  0000 0000       MIL off, 0 fault code entries
        0000 1111
        1110 1011
        0000 0000       Monitor status since DTCs cleared
                        Misfire monitoring supported and complete
                        Fuel system monitoring supported and complete
                        Comprehensive component monitoring supported and complete
                        NMHC catalyst monitoring supported and complete
                        NOx aftertreatment monitoring supported and complete
                        Boost pressure system monitoring supported and complete
                        Exhaust gas sensor monitoring supported and complete
                        PM filter monitoring supported and complete
                        EGR and/or VVT system monitoring supported and complete
PID 04    0.0   %       Calculated load value
PID 0C      0   1/min   Engine RPM
PID 0D      0   km/h    Vehicle speed sensor
PID 13  0000 0001       Location of oxygen sensors
                        Bank 1 Sensor 1
PID 1C     03   Hex     OBD requirements to which vehicle or engine is certified (OBD and OBD II)
PID 1F      0   s       Time since engine start
PID 21      0   km      Distance traveled while MIL is activated
PID 24  1.000   Lambda  Equivalence ratio Bank 1 Sensor 1
        0.000   V       Oxygen sensor voltage Bank 1 Sensor 1
PID 2F   55.7   %       Fuel level input
PID 30     12           Number of warm-ups since DTCs cleared
PID 31    384   km      Distance traveled since DTCs cleared
PID 33     98   kPa     Barometric pressure
PID 41  0000 0000
        0111 1000
        1110 0000
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        0110 0011       Monitor status this driving cycle
                        Misfire monitoring disabled
                        Fuel system monitoring disabled
                        Comprehensive component monitoring disabled
                        NMHC catalyst monitoring disabled
                        NOx aftertreatment monitoring disabled
                        Boost pressure system monitoring disabled and complete
                        Exhaust gas sensor monitoring enabled
                        PM filter monitoring enabled
                        EGR and/or VVT system monitoring enabled and complete
PID 42  12.320  V       Control module voltage
PID 46     11   °C      Ambient air temperature
PID 49   15.3   %       Accelerator pedal position D
PID 4A    7.5   %       Accelerator pedal position E
PID 51     04   Hex     Type of fuel currently being utilized by the internal combustion engine
(Diesel)
PID 5C     65   °C      Engine oil temperature
PID 5D   0.00   °       Fuel injection timing
PID 5E   0.00   L/h     Engine fuel rate
PID 61      0   %       Driver's demand engine - percent torque
PID 62      0   %       Actual engine - percent torque
PID 63    999   Nm      Engine reference torque
PID 64     34   %       Engine percent torque at idle point 1
           34   %       Engine percent torque at point 2
           34   %       Engine percent torque at point 3
           34   %       Engine percent torque at point 4
           34   %       Engine percent torque at point 5
PID 65  0000            Auxiliary Inputs/Outputs Status
                        Power Take Off not active (OFF)
                        Auto Trans in Park/Neutral
                        Glow Plug Lamp OFF
PID 66   0.22   g/s     Mass Air Flow Sensor A
PID 67     73   °C      Engine Coolant Temperature 1
           75   °C      Engine Coolant Temperature 2
PID 68     51   °C      Intake Air Temperature Bank 1 Sensor 1
PID 69    4.7   %       Commanded EGR A Duty Cycle/Position
          0.0   %       Actual EGR A Duty Cycle/Position
        -100.0  %       EGR A Error
PID 6A    0.0   %       Commanded Intake Air Flow A Control
          0.4   %       Relative Intake Air Flow A Position
PID 6B     66   °C      Exhaust Gas Recirculation Temp Sensor A (Bank 1 Sensor 1)
           73   °C      Exhaust Gas Recirculation Temp Sensor C (Bank 1 Sensor 2)
PID 6D  30000   kPa     Commanded Fuel Rail Pressure A
         2570   kPa     Fuel Rail Pressure A
PID 71    8.2   %       Commanded Variable Geometry Turbo A Position
          0.0   %       Variable Geometry Turbo A Position
        0000 0001       VGT A,B Control Status
PID 72   73.7   %       Commanded Wastegate A Position
          0.0   %       Wastegate A Position
PID 73  97.40   kPa     Exhaust Pressure Sensor Bank 1
PID 77     42   °C      Charge Air Cooler Temperature Bank 1 Sensor 1
           42   °C      Charge Air Cooler Temperature Bank 1 Sensor 2
PID 78   45.2   °C      Exhaust Gas Temperature Bank 1 Sensor 1
         55.5   °C      Exhaust Gas Temperature Bank 1 Sensor 2
        104.4   °C      Exhaust Gas Temperature Bank 1 Sensor 3
         61.8   °C      Exhaust Gas Temperature Bank 1 Sensor 4
PID 7A   0.00   kPa     Particulate Filter Bank 1 Inlet Pressure
PID 7D  0000 0010       NOx NTE control area status
                        outside control area
PID 7E  0000 0010       PM NTE control area status
                        outside control area
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PID 7F  9 hrs 18 min 31 s       Total Engine Run Time
        2 hrs 40 min 58 s       Total Idle Run Time
        0 min 0 s       Total Run Time With PTO Active
PID 81  0 min 0 s       Total run time with EI-AECD #1 Timer 1 active
        0 min 1 s       Total run time with EI-AECD #1 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #2 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #2 Timer 2 active
        2 hrs 9 min 27 s        Total run time with EI-AECD #3 Timer 1 active
        27 min 27 s     Total run time with EI-AECD #3 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #4 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #4 Timer 2 active
        8 min 27 s      Total run time with EI-AECD #5 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #5 Timer 2 active
PID 82  0 min 0 s       Total run time with EI-AECD #6 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #6 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #7 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #7 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #8 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #8 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #9 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #9 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #10 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #10 Timer 2 active
PID 83      0   ppm     NOx Sensor Concentration Bank 1 Sensor 1
            0   ppm     NOx Sensor Concentration Bank 1 Sensor 2
PID 85  0.000   L/h     Average Reagent Consumption
        0.000   L/h     Average Demanded Reagent Consumption
        100.0   %       (Value = FF)  Reagent Tank Level
        0 min 0 s       Total run time by the engine while NOx warning mode is activated
PID 87  96.38   kPa     Intake Manifold Absolute Pressure A
PID 89  0 min 0 s       Total run time with EI-AECD #11 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #11 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #12 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #12 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #13 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #13 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #14 Timer 1 active
        0 min 0 s       Total run time with EI-AECD #14 Timer 2 active
        0 min 0 s       Total run time with EI-AECD #15 Timer 1 active
        0 min 1 s       Total run time with EI-AECD #15 Timer 2 active
PID 8A  0 min 0 s       Total run time with EI-AECD #16 Timer 1 active
        1193046 hrs 28 min 15 s (Value = FFFFFFFF)  Total run time with EI-AECD #16 Timer 2 active
PID 8B  0000 0010       Aftertreatment Status
                        DPF Regen not in progress
                        DPF Regen not in progress
                        Active DPF Regen
          882   km      Average Distance Between PF Regens


E9  TCM-TransmisCtrl

PID 01  0000 0000       MIL off, 0 fault code entries
        0000 0100
        0000 0000
        0000 0000       Monitor status since DTCs cleared
                        Misfire monitoring not supported
                        Fuel system monitoring not supported
                        Comprehensive component monitoring supported and complete
                        Catalyst monitoring not supported
                        Heated catalyst monitoring not supported
                        Evaporative system monitoring not supported
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                      Secondary air system monitoring not supported
                      Oxygen sensor monitoring not supported
                      Oxygen sensor heater monitoring not supported
                      EGR and/or VVT system monitoring not supported
PID 04    0.0   %       Calculated load value
PID 05     73   °C      Engine coolant temperature
PID 0C      0   1/min   Engine RPM
PID 0D      0   km/h    Vehicle speed sensor
PID 0F     51   °C      Intake air temperature
PID 1C     03   Hex     OBD requirements to which vehicle or engine is certified (OBD and OBD II)
PID 1F      0   s       Time since engine start
PID 21      0   km      Distance traveled while MIL is activated
PID 30     11           Number of warm-ups since DTCs cleared
PID 31    386   km      Distance traveled since DTCs cleared
PID 33     99   kPa     Barometric pressure
PID 42  12.051  V       Control module voltage
PID 49    0.0   %       Accelerator pedal position D


Scan-Tool Mode 2 - Current freeze frame data
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E8  ECM-EngineControl

No fault code entry



E9  TCM-TransmisCtrl

No fault code entry



Scan-Tool Mode 3 - Emission-related diagnostic trouble codes
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E8  ECM-EngineControl

MIL off
0 fault code entries

No fault code entry


E9  TCM-TransmisCtrl

MIL off
0 fault code entries

No fault code entry


Scan-Tool Mode 6 - Monitoring test results for specific monitored systems
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E8  ECM-EngineControl

Monitor ID  Test ID     Unit ID     Test value  Min value   Max value   Unit        Comment

01          90          11          1.8         0.0         6.0         s           Exhaust Gas Sensor
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Monitor Bank 1 - Sensor 1							
01	91	11	1.4	0.0	5.0	s	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	92	11	3.2	0.0	11.0	s	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	93	30	7.069495	0.158694	11.557167	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	94	30	11.503760	1.359577	15.457367	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	95	30	19.658170	14.097790	25.496263	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	96	83	1.05	0.90	1.22		Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	97	81	36	1	100		Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	98	B0	-1.528902	-10.000421	0.000000	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	99	B0	0.000000	0.000000	19.997790	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
21	90	B0	95.786760	39.995580	99.988951	%	Catalyst Monitor
Bank 1							
34	90	AF	2.71	-327.68	72.10	%	EGR Monitor Bank 4
34	91	AF	4.75	-100.00	327.67	%	EGR Monitor Bank 4
34	92	96	61.6	-3276.8	162.3	°C	EGR Monitor Bank 4
34	93	96	105.2	54.5	3276.7	°C	EGR Monitor Bank 4
81	91	3C	530.4	294.0	664.0	µs	Fuel System
Monitor Bank 1							
81	92	3C	535.6	294.0	664.0	µs	Fuel System
Monitor Bank 1							
81	93	3C	500.0	294.0	664.0	µs	Fuel System
Monitor Bank 1							
81	94	3C	537.2	294.0	664.0	µs	Fuel System
Monitor Bank 1							
82	95	3C	506.0	294.0	664.0	µs	Fuel System
Monitor Bank 2							
82	96	3C	499.6	294.0	664.0	µs	Fuel System
Monitor Bank 2							
82	97	3C	515.2	294.0	664.0	µs	Fuel System
Monitor Bank 2							
82	98	3C	505.6	294.0	664.0	µs	Fuel System
Monitor Bank 2							
85	90	17	2.18	2.01	655.35	kPa	Boost Pressure
Control Monitor Bank 1							
85	92	FC	15.30	-15.00	327.67	kPa	Boost Pressure
Control Monitor Bank 1							
85	93	AF	-7.37	-327.68	19.20	%	Boost Pressure
Control Monitor Bank 1							
85	94	17	2.29	2.00	655.35	kPa	Boost Pressure
Control Monitor Bank 1							
85	96	96	10.4	-6.0	3003.6	°C	Boost Pressure
Control Monitor Bank 1							
98	90	B0	96.510013	34.996896	99.995054	%	NOx Catalyst
Monitor Bank 1							
A2	0B	24	1	0	65535	counts	Misfire Cylinder 1
Data							
A2	0C	24	0	0	65535	counts	Misfire Cylinder 1
Data							
A3	0B	24	1	0	65535	counts	Misfire Cylinder 2
Data							
A3	0C	24	0	0	65535	counts	Misfire Cylinder 2
Data							

A4	0B	24	1	0	65535	counts	Misfire Cylinder 3 Data
A4	0C	24	0	0	65535	counts	Misfire Cylinder 3 Data
A5	0B	24	1	0	65535	counts	Misfire Cylinder 4 Data
A5	0C	24	0	0	65535	counts	Misfire Cylinder 4 Data
A6	0C	24	1	0	65535	counts	Misfire Cylinder 5 Data
A6	0B	24	0	0	65535	counts	Misfire Cylinder 5 Data
A7	0C	24	1	0	65535	counts	Misfire Cylinder 6 Data
A7	0C	24	0	0	65535	counts	Misfire Cylinder 6 Data
A8	0B	24	1	0	65535	counts	Misfire Cylinder 7 Data
A8	0C	24	0	0	65535	counts	Misfire Cylinder 7 Data
A9	0B	24	2	0	65535	counts	Misfire Cylinder 8 Data
A9	0C	24	0	0	65535	counts	Misfire Cylinder 8 Data
B2	90	20	24.0351563	10.0000000	100.0000000		PM Filter Monitor Bank 1

E9 TCM-TransmisCtrl

Monitor ID	Test ID	Unit ID	Test value	Min value	Max value	Unit	Comment

Scan-Tool Mode 7 - Emission-related diagnostic trouble codes detected during current or last completed driving cycle

E8 ECM-EngineControl

No fault code entry

E9 TCM-TransmisCtrl

No fault code entry

Scan-Tool Mode 9 - Vehicle information

E8 ECM-EngineControl

INFOTYPE 02 Vehicle Identification Number(VIN)
1FT7W2BT9BEA15523

```
INFOTYPE 04     Calibration Identification (CALID)
                DDBZ2A6.H32
                BC3A-14D609-CA
                BC3A-14F553-BC

INFOTYPE 06     Calibration Verification Numbers (CVN)
                E4 78 EA 0A
                D8 74 56 60
                00 00 76 F8

INFOTYPE 0A     ECU Name
                ECM-EngineControl

INFOTYPE 0B     In-use Performance Tracking for Compression Ignition Engines
                OBDCOND 14      General Denominator, OBD Monitoring Conditions Encountered Counts
        IGNCNTR 43      Ignition Cycle Counter

        HCCATCOMP       2       Numerator, NMHC Catalyst Monitor Completion Condition Counts
        HCCATCOND       0       Denominator, NMHC Catalyst Monitor Conditions Encountered Counts
                        7.995   - Calculated Ratio -

        NCATCOMP        2       Numerator, NOx Catalyst Monitor Completion Condition Counts
        NCATCOND        14      Denominator, NOx Catalyst Monitor Conditions Encountered Counts
                        0.143   - Calculated Ratio -

        NADSCOMP        0       Numerator, NOx Adsorber Monitor Completion Condition Counts
        NADSCOND        0       Denominator, NOx Adsorber Monitor Conditions Encountered Counts
                        7.995   - Calculated Ratio -

        PMCOMP  12      Numerator, PM Filter Monitor Completion Condition Counts
        PMCOND  0       Denominator, PM Filter Monitor Conditions Encountered Counts
                        7.995   - Calculated Ratio -

        EGSCOMP 1       Numerator, Exhaust Gas Sensor Monitor Completion Condition Counts
        EGSCOND 14      Denominator, Exhaust Gas Sensor Monitor Conditions Encountered Counts
                        0.071   - Calculated Ratio -

        EGRCOMP 13      Numerator, EGR/VVT Monitor Completion Condition Counts
        EGRCOND 14      Denominator, EGR/VVT Monitor Conditions Encountered Counts
                        0.929   - Calculated Ratio -

        BPCOMP  17      Numerator, Boost Pressure Monitor Completion Condition Counts
        BPCOND  14      Denominator, Boost Pressure Monitor Conditions Encountered Counts
                        1.214   - Calculated Ratio -

        FUELCOMP        2       Numerator, Fuel Monitor Completion Condition Counts
        FUELCOND        14      Denominator, Fuel Monitor Conditions Encountered Counts
                        0.143   - Calculated Ratio -



E9  TCM-TransmisCtrl


INFOTYPE 04     Calibration Identification (CALID)
                TVDD0FD.H32

INFOTYPE 06     Calibration Verification Numbers (CVN)
                8D 12 F7 36
```

INFOTYPE 0A ECU Name
TCM-TransmisCtrl

Scan-Tool Mode A - Emission-related diagnostic trouble codes with permanent status
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E8 ECM-EngineControl

No fault code entry

E9 TCM-TransmisCtrl

No fault code entry

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